

MOTORIZED FRONT DERAILLEUR ASSEMBLY WITH SAVER ARRANGEMENT

ABSTRACT OF THE DISCLOSURE

A motorized bicycle front derailleur assembly is provided with an arrangement to protect the motor in the event the chain guide is stuck in one of the shift positions. The motorized bicycle front derailleur assembly has a motor unit, a front derailleur and a motor linkage. The motor unit has an output shaft that rotates between first and second rotational positions. The front derailleur includes a fixing body, a chain guide, and a derailleur linkage operatively coupled between the fixing body and the chain guide. The motor linkage is operatively coupled to the output shaft and the front derailleur linkage to move the chain guide in response to rotation of the output shaft. The motor linkage includes a jamming protection arrangement that is configured and arranged to move between a force transmitting state and a force override state.